State of California
Business, Transportation and Housing Agency
Department of Transportation

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PROGRAM AMENDMENTS STIP Amendment 98S-116

Notice Item

CTC Meeting: March 29-30, 2000

Agenda Item: 2.1b.(8)

Original Signed By

W. J. EVANS, Deputy Director

Finance March 1, 2000

#### STIP AMENDMENT 98S-116 NOTICE

**PROPOSED** 

#### **SUMMARY**

This amendment programs \$15,219,000 from Orange County's Unprogrammed Share Balance for four new grade separation projects in the cities of Irvine, Placentia, and Tustin.

#### RECOMMENDATION

The Orange County Transportation Authority (OCTA) is requesting this amendment and recommends approval of this amendment. The Department reviewed this amendment and found it to be consistent with the Commission adopted STIP guidelines.

#### RESOLUTION

Resolved, that the California Transportation Commission (CTC) revise the 1998 State Transportation Improvement Program (STIP) at the end of the 30 day notice period as follows:

#### **Adds Project #1:**

| 120000 2 2 0,000    |   |   |                |          |             |         |          |                |  |  |
|---------------------|---|---|----------------|----------|-------------|---------|----------|----------------|--|--|
| Project Information |   |   |                |          |             |         |          |                |  |  |
| County:             | CT District:  | PPNO:   | EA:            | Element: | Const Year: | PM Back | PM Ahead | Route/Corridor |  |  |
| Orange              | 12  | 12 9653 R845SA LA 2002/2003                   |                |          |             |         |          |                |  |  |
| Project Title:      | Jeffrey Road Grade Separation Project   |   |                |          |             |         |          |                |  |  |
| Sponsor:            | Orange County Transportation Authority (OCTA)   |   |                |          |             |         |          |                |  |  |
| Resp. Agency:       | City of Irvine  | City of Irvine                                |                |          |             |         |          |                |  |  |
| RTPA/CTC:           | Orange Cour   | Orange County Transportation Authority (OCTA) |                |          |             |         |          |                |  |  |
| Location:           | In the City of Irvine at the crossing of Los Angeles to San Diego (LOSSAN) line and Jeffrey Road. |   |                |          |             |         |          |                |  |  |
| Description:        | Construct a g   | rade separati                                 | on (underpass) | ).       |             |         |          |                |  |  |

| STIP Programm | ning - RIP |           |           | (Dollars in Tho | ousands)  |           |           |          |
|---------------|------------|-----------|-----------|-----------------|-----------|-----------|-----------|----------|
| Component     | PRIOR      | 1998/1999 | 1999/2000 | 2000/2001       | 2001/2002 | 2002/2003 | 2003/2004 | Total    |
| PA&ED         |            |           |           |                 |           |           |           |          |
| PS&E          |            |           |           | \$723           |           |           |           | \$723    |
| R/W           |            |           |           |                 | \$186     |           |           | \$186    |
| CON           |            |           |           |                 |           | \$9,354   |           | \$9,354  |
| TOTAL         |            |           |           | \$723           | \$186     | \$9,354   |           | \$10,263 |

| Other - Local Co | Other - Local Contributor (City of Irvine) (Dollars in Thousands) |           |           |           |           |           |           |         |
|------------------|---|-----------|-----------|-----------|-----------|-----------|-----------|---------|
| Component        | PRIOR   | 1998/1999 | 1999/2000 | 2000/2001 | 2001/2002 | 2002/2003 | 2003/2004 | Total   |
| PA&ED            |   |           |           | \$25      |           |           |           | \$25    |
| PS&E             |   |           |           | \$421     |           |           |           | \$421   |
| R/W              |   |           |           |           | \$114     |           |           | \$114   |
| CON              |   |           |           |           |           | \$5,536   |           | \$5,536 |
| TOTAL            |   |           |           | \$446     | \$114     | \$5,536   |           | \$6,096 |

| Total     |       | (Dollars in Thousands) |           |           |           |           |           |          |  |  |
|-----------|-------|------------------------|-----------|-----------|-----------|-----------|-----------|----------|--|--|
| Component | PRIOR | 1998/1999              | 1999/2000 | 2000/2001 | 2001/2002 | 2002/2003 | 2003/2004 | Total    |  |  |
| PA&ED     |       |                        |           | \$25      |           |           |           | \$25     |  |  |
| PS&E      |       |                        |           | \$1,144   |           |           |           | \$1,144  |  |  |
| R/W       |       |                        |           |           | \$300     |           |           | \$300    |  |  |
| CON       |       |                        |           |           |           | \$14,890  |           | \$14,890 |  |  |
| TOTAL     |       |                        |           | \$1,169   | \$300     | \$14,890  |           | \$16,359 |  |  |

# **And Adds Project #2:**

| Project Informa | Project Information   |   |                 |               |               |   |  |  |  |  |  |
|-----------------|---|---|-----------------|---------------|---------------|---|--|--|--|--|--|
| County:         | CT District:  | CT District: PPNO: EA: Element: Const Year: PM Back PM Ahead Route/Corridor |                 |               |               |   |  |  |  |  |  |
| Orange          | 12  | 12 9651 R843SA LA   |                 |               |               |   |  |  |  |  |  |
| Project Title:  | Sand Canyon   | Sand Canyon Avenue Grade Separation Project                                 |                 |               |               |   |  |  |  |  |  |
| Sponsor:        | Orange County Transportation Authority (OCTA)   |   |                 |               |               |   |  |  |  |  |  |
| Resp. Agency:   | City of Irvine  | City of Irvine  |                 |               |               |   |  |  |  |  |  |
| RTPA/CTC:       | Orange Cour   | nty Transporta  | tion Authorit   | y (OCTA)      |               |   |  |  |  |  |  |
| Location:       | In the City of Irvine at the crossing of Los Angeles to San Diego (LOSSAN) line and Sand Canyon Avenue. |   |                 |               |               |   |  |  |  |  |  |
| Description:    | Construct a g   | grade separati  | on and street v | videning from | 4 to 6 lanes. | • |  |  |  |  |  |

| STIP Programm | ing - RIP |           | ousands)  |           |           |           |           |       |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| Component     | PRIOR     | 1998/1999 | 1999/2000 | 2000/2001 | 2001/2002 | 2002/2003 | 2003/2004 | Total |
| PA&ED         |           |           |           |           |           |           |           |       |
| PS&E          |           |           |           | \$622     |           |           |           | \$622 |
| R/W           |           |           |           |           |           |           |           |       |
| CON           |           |           |           |           |           |           |           |       |
| TOTAL         |           |           |           | \$622     |           |           |           | \$622 |

| Other - Local Co | ontributor (Ci | ty of Irvine) | (Do       | llars in Thous | ands)     |           |           |       |
|------------------|----------------|---------------|-----------|----------------|-----------|-----------|-----------|-------|
| Component        | PRIOR          | 1998/1999     | 1999/2000 | 2000/2001      | 2001/2002 | 2002/2003 | 2003/2004 | Total |
| PA&ED            |                |               |           | \$75           |           |           |           | \$75  |
| PS&E             |                |               |           | \$243          |           |           |           | \$243 |
| R/W              |                |               |           |                |           |           |           |       |
| CON              |                |               |           |                |           |           |           |       |
| TOTAL            |                |               |           | \$318          |           |           |           | \$318 |

| Total     |       | (Dollars in Thousands) |           |           |           |           |           |       |  |  |
|-----------|-------|------------------------|-----------|-----------|-----------|-----------|-----------|-------|--|--|
| Component | PRIOR | 1998/1999              | 1999/2000 | 2000/2001 | 2001/2002 | 2002/2003 | 2003/2004 | Total |  |  |
| PA&ED     |       |                        |           | \$75      |           |           |           | \$75  |  |  |
| PS&E      |       |                        |           | \$865     |           |           |           | \$865 |  |  |
| R/W       |       |                        |           |           |           |           |           |       |  |  |
| CON       |       |                        |           |           |           |           |           |       |  |  |
| TOTAL     |       |                        |           | \$940     |           |           |           | \$940 |  |  |

# **And Adds Project #3:**

| Project Informa | tion  |   |                |                |               |                |              |                |  |  |  |
|-----------------|---|---|----------------|----------------|---------------|----------------|--------------|----------------|--|--|--|
| County:         | CT District:  | PPNO:   | EA:            | Element:       | Const Year:   | PM Back        | PM Ahead     | Route/Corridor |  |  |  |
| Orange          | 12  | 9652  | R844SA         | LA             |               |                |              |                |  |  |  |
| Project Title:  |   | Orangethorpe Rail Corridor Lowering Project   |                |                |               |                |              |                |  |  |  |
| Sponsor:        | Orange Cour   | Orange County Transportation Authority (OCTA) |                |                |               |                |              |                |  |  |  |
| Resp. Agency:   | City of Placentia   |   |                |                |               |                |              |                |  |  |  |
| RTPA/CTC:       | Orange Cour   | ity Transporta                                | ation Authorit | y (OCTA)       |               |                |              |                |  |  |  |
| Location:       | Along the Bu  | rlington Nort                                 | hern/Santa Fe  | (BNSF) line in | n Orange Cour | ity from appro | oximately SR | 57 and west of |  |  |  |
|                 | SR 90.  |   |                |                |               |                |              |                |  |  |  |
| Description:    | Preparation of a project report and environmental clearance of lowering the railroad line and construction of |   |                |                |               |                |              |                |  |  |  |
|                 | overcrossings   | overcrossings over numerous city streets.     |                |                |               |                |              |                |  |  |  |

| STIP Programming - RIP (Dollars in Thousands) |       |           |           |           |           |           |           |         |
|---|-------|-----------|-----------|-----------|-----------|-----------|-----------|---------|
| Component                                     | PRIOR | 1998/1999 | 1999/2000 | 2000/2001 | 2001/2002 | 2002/2003 | 2003/2004 | Total   |
| PA&ED   |       |           |           | \$4,002   |           |           |           | \$4,002 |
| PS&E  |       |           |           |           |           |           |           |         |
| R/W   |       |           |           |           |           |           |           |         |
| CON   |       |           |           |           |           |           |           |         |
| TOTAL   |       |           |           | \$4,002   |           |           |           | \$4,002 |

| Other - Local Co | ontributor (Ci | ty of Placentia) |           | (Dollars in The | ousands)  |           |           |       |
|------------------|----------------|------------------|-----------|-----------------|-----------|-----------|-----------|-------|
| Component        | PRIOR          | 1998/1999        | 1999/2000 | 2000/2001       | 2001/2002 | 2002/2003 | 2003/2004 | Total |
| PA&ED            |                |                  |           | \$598           |           |           |           | \$598 |
| PS&E             |                |                  |           |                 |           |           |           |       |
| R/W              |                |                  |           |                 |           |           |           |       |
| CON              |                |                  |           |                 |           |           |           |       |
| TOTAL            |                |                  |           | \$598           |           |           |           | \$598 |

| Total     |       | (Dollars in Thousands) |           |           |           |           |           |         |  |  |
|-----------|-------|------------------------|-----------|-----------|-----------|-----------|-----------|---------|--|--|
| Component | PRIOR | 1998/1999              | 1999/2000 | 2000/2001 | 2001/2002 | 2002/2003 | 2003/2004 | Total   |  |  |
| PA&ED     |       |                        |           | \$4,600   |           |           |           | \$4,600 |  |  |
| PS&E      |       |                        |           |           |           |           |           |         |  |  |
| R/W       |       |                        |           |           |           |           |           |         |  |  |
| CON       |       |                        |           |           |           |           |           |         |  |  |
| TOTAL     |       |                        |           | \$4,600   |           |           |           | \$4,600 |  |  |

## **And Adds Project #4:**

| Project Information |  |       |        |          |             |         |          |                |
|---------------------|--|-------|--------|----------|-------------|---------|----------|----------------|
| County:             | CT District:   | PPNO: | EA:    | Element: | Const Year: | PM Back | PM Ahead | Route/Corridor |
| Orange              | 12   | 9654  | R846SA | LA       |             |         |          |                |
| Project Title:      | Red Hill Avenue Grade Separation Project   |       |        |          |             |         |          |                |
| Sponsor:            | Orange County Transportation Authority (OCTA)  |       |        |          |             |         |          |                |
| Resp. Agency:       | City of Tustin   |       |        |          |             |         |          |                |
| RTPA/CTC:           | Orange County Transportation Authority (OCTA)  |       |        |          |             |         |          |                |
| Location:           | In the City of Irvine at the crossing of Los Angeles to San Diego (LOSSAN) line and Red Hill Avenue. |       |        |          |             |         |          |                |
| Description:        | Preparation of preliminary engineering work for construction of grade separation.                    |       |        |          |             |         |          |                |

| STIP Programm | ning - RIP | (Dollars in Thousands) |           |           |           |           |           |       |
|---------------|------------|------------------------|-----------|-----------|-----------|-----------|-----------|-------|
| Component     | PRIOR      | 1998/1999              | 1999/2000 | 2000/2001 | 2001/2002 | 2002/2003 | 2003/2004 | Total |
| PA&ED         |            |                        |           |           |           | \$332     |           | \$332 |
| PS&E          |            |                        |           |           |           |           |           |       |
| R/W           |            |                        |           |           |           |           |           |       |
| CON           |            |                        |           |           |           |           |           |       |
| TOTAL         |            |                        |           |           |           | \$332     |           | \$332 |

| Other - Local Contributor (City of Tustin) |       |           | (Dollars in Thousands) |           |           |           |           |       |
|--|-------|-----------|------------------------|-----------|-----------|-----------|-----------|-------|
| Component                                  | PRIOR | 1998/1999 | 1999/2000              | 2000/2001 | 2001/2002 | 2002/2003 | 2003/2004 | Total |
| PA&ED                                      |       |           |                        |           |           | \$90      |           | \$90  |
| PS&E                                       |       |           |                        |           |           |           |           |       |
| R/W  |       |           |                        |           |           |           |           |       |
| CON  |       |           |                        |           |           |           |           |       |
| TOTAL                                      |       |           |                        |           |           | \$90      |           | \$90  |

| Total     |       |           |           | (Dollars in T | 'housands) |           |           |       |
|-----------|-------|-----------|-----------|---------------|------------|-----------|-----------|-------|
| Component | PRIOR | 1998/1999 | 1999/2000 | 2000/2001     | 2001/2002  | 2002/2003 | 2003/2004 | Total |
| PA&ED     |       |           |           |               |            | \$422     |           | \$422 |
| PS&E      |       |           |           |               |            |           |           |       |
| R/W       |       |           |           |               |            |           |           |       |
| CON       |       |           |           |               |            |           |           |       |
| TOTAL     |       |           |           |               |            | \$422     |           | \$422 |

#### **BACKGROUND**

This amendment programs \$15,219,000 from Orange County's Unprogrammed Share Balance for four new grade separation projects in the cities of Irvine, Placentia, and Tustin. The total programming for the four projects is \$22,312,000, including a local commitment of \$7,102,000.

The \$10,263,000 programmed and the local contribution for the Jeffrey Road Grade Separation project will fund the entire project through construction. The \$622,000 programmed and the local contribution will fund the PA&ED and PS&E components for the Sand Canyon Grade Separation project. The \$4,002,000 programmed and the local contribution will fund the environmental document and project report for the Orangethorpe Rail Corridor project. The \$332,000 programmed and the local contribution will fund the preliminary engineering work for the Red Hill Grade Separation project.

All four projects address traffic concerns at major grade crossings in Orange County. The Jeffrey, Sand Canyon and Red Hill Avenue projects are for crossings along the Los Angeles to San Diego (LOSSAN) corridor which includes intercity, commuter and freight rail services. The Orangethorpe Rail Corridor is along the Burlington Northern / Santa Fe (BNSF) Line which has commuter and freight services. The BNSF line is expected to have significant increases in rail freight associated with the Port of Los Angeles (Alameda Corridor) improvements. The LOSSAN corridor is also expected to have increases in intercity and commuter rail services.

| Orange County                     | Through:                    | (\$ in thousands) |
|-----------------------------------|-----------------------------|-------------------|
| Unprogrammed County Share Balance | February, 2000 CTC meeting: | \$59,254          |
|                                   | Less this Amendment:        | -\$15,219         |
|                                   | Add Amendment 98S-121:*     | +\$15,220         |
|                                   | Remaining Balance:          | \$59,255          |
|                                   | _                           | \$44,035*         |

\*Correction ATTACHMENT

## Location Map Page 1 of 4



12-Orange PPNO. 9653

Location: In the City of Irvine at the railroad crossing

and Jeffrey Road

Description: Construct a grade separation (underpass)



Location Map Page 2 of 4



12-Orange PPNO. 9651

Location: In the City of Irvine at the railroad crossing

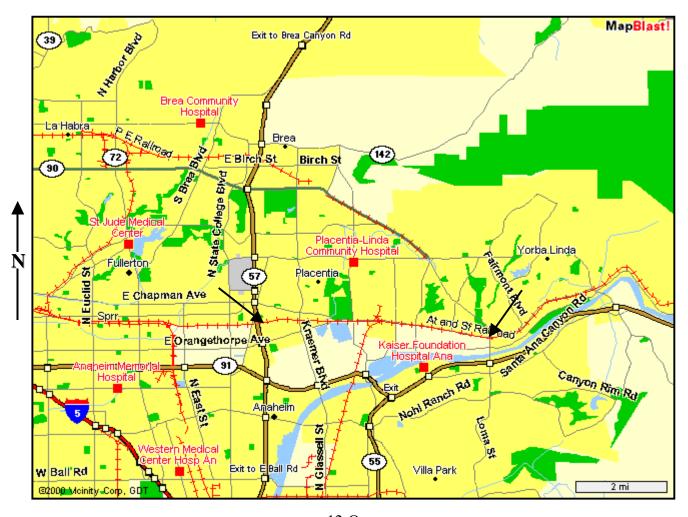
and Sand Canyon Avenue

Description: Construct a grade separation and street

widening from four to six lanes



#### Location Map Page 3 of 4



12-Orange PPNO. 9652

Location: In the City of Placentia along the railroad

tracks from near State Route 57 and State

Route 90

Description: Preparation of a project report and environmental

clearance of lowering the railroad line and construction of overcrossings over city streets



#### Location Map Page 4 of 4



12-Orange PPNO. 9654

Location: In the City of Tustin at the railroad crossing

and Red Hill Avenue

Description: Preparation of preliminary engineering work for

construction of a grade separation

